PIX-16 TRI RGB USER MANUAL

Welcome to use the powerful series of IP65 TRI 3W RGB DMX LED STAGE COLOR BAR which with LCD digital display for the most convenient operation.

Technical Specifications:

LED IP65 16x3W TRI COLOR LED BAR:

Power supply:	**AC110V.-240V. 50Hz / 60Hz**
Power consumption:	**Max. 80W**
LED quantity:	**16x3W TRI LED**
Wave length of RED LED:	**630nm**
Wave length of GREEN LED:	**535nm**
Wave length of BLUE LED:	**475nm**
DMX control:	**6CH, 9CH, 15CH, 27 CH, 48CH, 51CH optional**
DMX connection:	**3-pin-XLR**
Beam angle:	**25 degree**
Lux	**1050 at distance 4 meter.**
Max. ambient temperature:	**45degree**
Max. housing termerature:	**55degree**
Min. distance from flammable surface:	**0.5m**
Min. distance from lighted object:	**0.1m**
Dimension (L x W x H)	**1000x 83 x 195mm**
Weight:	**6.8kgs**

Operation functions:

1) STATIC COLOR / BUILT-IN 13 RUNNING EFFECT
2) AUTO RUN
3) SOUND
4) MASTER / SLAVE
5) DMX MODE

- ***Built-in programs (P01-P14)***

STATIC COLOR BLAC-RGB Flash00-99	Blackout, Red-Yellow-Green-Cyan-Blue-Purple-White Flash speed adjustable.
DREAM Speed00-99 Flash00-99	Seven color dreaming Speed & Flash adjustable
METEOR Speed00-99 Flash00-99	Seven color flow Speed & Flash adjustable
FADE Speed00-99 Flash00-99	Seven color fade Speed & Flash adjustable
CHANGE Speed00-99 Flash00-99	Seven color change Speed & Flash adjustable
FLOW 1 Speed00-99 Flash00-99	Seven color chase in 1 way Speed & Flash adjustable
FLOW 2 Speed00-99 Flash00-99	Seven color chase in 2 ways Speed & Flash adjustable
FLOW 3 Speed00-99 Flash00-99	Seven color chase in 1 relay way Speed & Flash adjustable
FLOW 4 Speed00-99 Flash00-99	Seven color chase in 2 relay ways Speed & Flash adjustable
FLOW 5 Speed00-99 Flash00-99	Seven color chase from two sides to middle Speed & Flash adjustable
FLOW 6 Speed00-99 Flash00-99	Seven color chase from middle to two sides Speed & Flash adjustable
FLOW 7 Speed00-99 Flash00-99	Seven color chase Speed & Flash adjustable
FLOW 8 Speed00-99 Flash00-99 1.BLA-RGB 2. BLA-RGB	Two color chase in 1 way Speed & Flash adjustable Blackout-Red-Yellow-Green-Cyan-Blue-Purple-White
FLOW 9 Speed00-99 Flash00-99 1.BLA-RGB 2. BLA-RGB	Two color chase in 2 ways Speed & Flash adjustable Blackout-Red-Yellow-Green-Cyan-Blue-Purple-White

- ***Auto Run mode (13 built-in modes together)***

  FQN01-99 (Frequency adjustable)

- ***SLAVE Mode:***

Link the units and press MODE button of the Slave units to SLAVE mode. Then the slave units will follow running in accordance with the Master unit.

- ***Sound Active Mode:***

Press MODE button and come into this function. The sound sensitivity can be adjust from 00-31.

- ***DMX Mode***

  Channel mode: (6CH, 9CH, 15CH, 27CH, 48CH, 51CH optional)

  6CH: Every 16 leds as 1 section

  9CH: Every 8 leds as 1 section, totally 2 sections

  15CH: Every 4 ledss as 1 section, totally 4 sections

  27CH: Every 2 leds as 1 section, totally 8 sections

  48CH: Every 1 leds as 1 section, totally 16 sections (16xRGB)

  51CH: Every 1 leds as 1 section, totall 16 sections

Here below is the 6CH mode as the setting examples for reference:

CH 1	**CH 2**	**CH3**	**CH4**	**CH5**	**CH6**
0-21	Master dimmer (0-255)	Flash (0-255)	Red (0-255)	Green (0-255)	Blue (0-255)
22-32 Red		Flash(0-255)			
33-43 Yellow		Flash (0-255)			
44-54 Green		Flash (0-255)			
55-65 Cyan		Flash (0-255)			
66-76 Blue		Flash (0-255)			
77-87 Purple		Flash (0-255)			
88-98 White		Flash (0-255)			
99-109 Dream	Speed (0-255)	Flash (0-255)			
110-120 Meteor	Speed (0-255)	Flash (0-255)			
121-131 Fade	Speed (0-255)	Flash (0-255)			
132-142 Change	Speed (0-255)	Flash (0-255)			
143-153 Flow 1	Speed (0-255)	Flash (0-255)			
154-164 Flow 2	Speed (0-255)	Flash (0-255)			
165-175 Flow 3	Speed (0-255)	Flash (0-255)			
176-186 Flow 4	Speed (0-255)	Flash (0-255)			
187-197 Flow 5	Speed (0-255)	Flash (0-255)			
198-208 Flow 6	Speed (0-255)	Flash (0-255)			
209-219 Flow 7	Speed (0-255)	Flash (0-255)			
220-230 Flow 8	Speed (0-255)	Flash (0-255	Color select		
231-241 Flow 9	Speed (0-255)	Flash (0-255)	Color select		
242-255 Sound active	Speed (0-255)	Flash (0-255)			

9CHANNEL MODE: (Every 8 leds as 1 section, the fixture has 2 sections totally.

CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8	CH9
11-21	Master Dimmer (0-255)	Flash 0-255	R 1	G1	B 1	R2	G2	B2

15CHANNEL MODE: (Eevery 4 leds as 1 section, the fixture has 4 sections totally)

CH 1	CH 2	CH 3	CH 4	CH 5	CH 6	CH 7	CH 8	CH 9	CH 10	CH 11	CH 12	CH 13	CH 14	CH 15
11-21	Master Dimmer (0-255)	Flash 0-255	R1	G1	B1	R2	G2	B2	R3	G3	B3	R4	G4	B4

27CHANNEL MODE: (Every 2 leds as 1section, the fixture has 8 sections totally)

CH 1	CH 2	CH 3	CH 4	CH 5	CH 6	CH 7	CH 8	CH 9	CH 10	CH 11	CH 12	CH 13	CH 14	CH 15	CH 16	CH 17	CH 18	CH 19	CH 20	CH 21	CH 22	CH 23	CH 24	CH 25	CH 26	CH 27
11-21	Master Dimmer (0-255)	Flash 0-255	R1	G1	B1	R2	G2	B2	R3	G3	B3	R4	G4	B4	R5	G5	B5	R6	G6	B6	R7	G7	B7	R8	G8	B8

48CHANNEL MODE: (Every 1 leds as 1section, the fixture has 8 sections totally

CH 1	CH 2	CH 3	CH 4	CH 5	CH 6	CH 7	CH 8	CH 9	CH 10	CH 11	CH 12	CH 13	CH 14	CH 15	CH 16	CH 17	CH 18	CH 19	CH 20	CH 21	CH 22	CH 23	CH 24
R1	G1	B1	R2	G2	B2	R3	G3	B3	R4	G4	B4	R5	G5	B5	R6	G6	B6	R7	G7	B7	R8	G8	B8
CH 25	CH 26	CH 27	CH 28	CH 29	CH 30	CH 31	CH 32	CH 33	CH 34	CH 35	CH 36	CH 37	CH 38	CH 39	CH 40	CH 41	CH 42	CH 43	CH 44	CH 45	CH 46	CH 47	CH 48
R1	G1	B1	R2	G2	B2	R3	G3	B3	R4	G4	B4	R5	G5	B5	R6	G6	B6	R7	G7	B7	R8	G8	B8

51CHANNEL MODE: (Every 1 leds as 1section, the fixture has 8 sections totally)

CH 1	CH 2	CH 3	CH 4	CH 5	CH 6	CH 7	CH 8	CH 9	CH 10	CH 11	CH 12	CH 13	CH 14	CH 15	CH 16	CH 17	CH 18	CH 19	CH 20	CH 21	CH 22	CH 23	CH 24	CH 25	CH 26	CH 27
11-21	Master Dimmer (0-255)	Flash 0-255	R1	G1	B1	R2	G2	B2	R3	G3	B3	R4	G4	B4	R5	G5	B5	R6	G6	B6	R7	G7	B7	R8	G8	B8
			CH 28	CH 29	CH 30	CH 31	CH 32	CH 33	CH 34	CH 35	CH 36	CH 37	CH 38	CH 39	CH 40	CH 41	CH 42	CH 43	CH 44	CH 45	CH 46	CH 47	CH 48	CH 49	CH 50	CH 51
			R1	G1	B1	R2	G2	B2	R3	G3	B3	R4	G4	B4	R5	G5	B5	R6	G6	B6	R7	G7	B7	R8	G8	B8